

**J4 - Validations**

**FPDS-NG**

**Federal Procurement Data System  
Next Generation**

**Validations**

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**prepared by**  
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Office of Acquisition Policy  
Office of Governmentwide Policy  
General Services Administration

## **The FPDS-NG Mission**

“We provide timely, accurate information about Federal Contracts to acquisition managers, Congress, and the public.

“We support government electronic procurement systems by providing web-based support services to maximize accuracy and minimize the total resource consumption in collecting the data.”

### **J4.1 Overview of Validations**

FPDS-NG will validate data reported to it. Types of validations include:

- Formatting such as verifying that dates are valid.
- Adherence to defined conventions such as the convention for a Contract Number entered into a PIID.
- Code validation such as verifying that a Contracting Agency Code is in FIPS 95 table.
- Consistency with other data in order to enforce business rules such as If Competitive Procedures = Simplified Acquisition Procedures, then Dollars Obligated must be less than or equal to \$5,000,000.
- Use Case specific such as if the user is entering a Modification to a PIID, then the entered PIID must already exist in FPDS-NG.

### **J4.2 Guide to Validation Specification**

The data elements are listed below followed by the validations that are unique to the data element. The format include Validation Reference Number, Data Elements or Other Information Required for the Validation, and Validation Requirement

Some validations are complex and associated with several data elements. These are listed separately under the heading Complex Validations.

Most validations are specific such as:

If Data Element A = N, then Data Element B must = M.

Some Validations are less specific such as:

If Contracting agency Code indicates DoD, then Data Element A must = N.

In this example, there are many Contracting Agency Codes that are DoD codes, so the validation specification is simplified although the implementation may be complex. The contractor is responsible for determining the best implementation.

There is no data element called Use Case or Today's Date. Validations that reference these assume that the FPDS-NG knows the date and that the user interface is tracking what the user is asking FPDS-NG to do such as Add an Award or Add a Modification. Implementation of these pseudo-fields is the responsibility of the contractor.

The Use Case Summary defines which data elements may be entered for each use case. Therefore, no validations are provided here to ensure that only allowable data elements are entered.

### **J4.3 Agency-Specific Validations**

Agency Interface Agreements will result in agency-specific validations. The Government will work with agencies to specify agency-specific validations as part of developing the Agency Interface Agreements.

FPDS-NG will implement agency-specific validations once an Agency Interface Agreement is ratified. (Note: Under Alternative I, negotiating Interface Agreements would be the responsibility of the contractor.)

**J4.4 Validations for Data Elements****PROPOSED FPDS-NG CONTRACT DATA****1 Contract Identification Information****1A Procurement Instrument Identifier (PIID)**

- |   |                         |   |
|---|-------------------------|---|
| 1 | Format                  | PIID must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation.   |
| 2 | Contracting Agency Code | The first characters (length to be determined by coordination with FPDC) must be a valid Agency contract number prefix from the Agency Prefix table. (If this is accepted as a federal standard.)   |
| 3 | PIID and Use Case       | If the PIID exists, then the Use Case must be Modify, Change, Delete, or Void.<br>If the PIID does not exist, then the Use Case must be Add IDV, Add Award, or Void.  |
| 4 | PIID and Source UserID  | For IDV, if the PIID exists, then the Source UserID must be authorized to operate on the PIID. For Award types, if the PIID does not exist, the Source UserID must be authorized to report the contracting agency prefix. For other transaction types, the Source UserID must be authorized to submit data. |

**1B Modification Number**

- |   |          |  |
|---|----------|--|
| 1 | Format   | Modification Number must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation. |
| 2 | Format   | Modification Number must not equal “Award” or “Basic” or all zeros or any other “odd” /disallowed value.   |
| 3 | Use Case | If Modification Number already exists, then Use Case must be Change, Delete, or Void.  |
| 4 | Use Case | If Modification Number does not already exist, then Use Case must be Add Modification  |

**1C Referenced PIID**

- |   |               |   |
|---|---------------|---|
| 1 | PIID          | Referenced PIID must be an existing PIID or blank                                       |
| 2 | Type of Award | If Type of Award is Delivery Order or BPA Call, then Referenced PIID must have a value. |

- 1D Transaction Number
- 1 Format Transaction Number must be an integer between 001 and 999 or must be blank. Requires specific agreement with FPDC
  - 2 PIID, Modification Number Transaction Number must be unique within a PIID and Modification Number.
- 1E Solicitation Identifier
- 1 Format Solicitation Identifier must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation.
  - 2 Pre-Award Solicitation Requirement If Pre-Award Solicitation Requirement = Yes, then Solicitation Identifier must be in FedBizOpps. (Note: Must be coordinated with Agencies and with FedBizOpps.)
  - 3 Pre-Award Solicitation Requirement If Pre-Award Solicitation Requirement = No, then Solicitation Identifier may be blank.

## 2 Dates

- 2A Date Signed
- 1 Format Date Signed must be a valid date.
  - 2 Today's Date Date Signed cannot be later than the today's date.
  - 3 Today's Date Date Signed year cannot be prior to 5 years before the current fiscal year.
- 2B Effective Date
- 1 Format Effective Date must be a valid date.
  - 2 Today's Date Effective Date year cannot be prior to 5 years before the current fiscal year.
- 2C Current Completion Date
- 1 Format Current Completion Date must be a valid date.
  - 2 Effective Date Current Completion Date must be equal to or later than Effective Date, unless use case is modification.
  - 3 Ultimate Completion Date Current Completion Date must be less than or equal to Ultimate Completion Date

**2D Ultimate Completion Date**

- 1 Format Ultimate Completion Date must be a valid date.
- 2 Product or Service Code, Effective Date If Product or Service Code begins with 'X' (leases) or for Product or Service Code begins with 'S' (utilities), then Ultimate Completion Date may be later than 25 years after Effective Date of the Award. Otherwise Ultimate Completion Date must be less than or equal to 25 years after Effective Date of the Award.

**2E Indefinite Delivery Vehicle Last Date to Order**

- 1 Format IDV Last Date to Order must be a valid date.
- 2 Effective Date Last Date to Order must be equal to or later than Effective Date of the IDV

**3 Dollar Values****3A Ultimate Contract Value**

- 1 Format, Award Type Ultimate Contract Value must be currency (Dollar value – numeric, optionally allowing \$ symbol, and comma. Decimal point is required before cents. Minus sign required for negative values). If use case is an Award Type, then Ultimate Contract Value must be greater than or equal to \$0.00.
- 2 Dollars Obligated Ultimate Contract Value must be greater than or equal to Dollars Obligated.
- 3 Synopsis Waiver Exception If Synopsis Waiver Exception = Yes, then Ultimate Contract Value >= \$25,000 and <= \$100,000

**3B Current Contract Value**

- 1 Format, Award Type Current Contract Value must be currency. If use case is an Award Type, then Current Contract Value must be greater than or equal to \$0.00.
- 2 Ultimate Contract Value Current Contract Value must be less than or equal to Ultimate Contract Value.

**3C Dollars Obligated**

- 1 Format Dollars Obligated must be currency.
- 2 Award Type If Award Type has a value, then Dollars Obligated must be greater than or equal to \$0.00.
- 3 Reason for Modification If Reason for Modification = Terminate for Default, then Dollars Obligated must be less than or equal to \$0.00.
- 4 Commercial Item Test Program If Commercial Item Test Program = Yes, then the absolute value of Dollars Obligated must be less than or equal to \$5,000,000.

- |   |                        |   |
|---|------------------------|---|
| 5 | Competitive Procedures | If Competitive Procedures = Very Small Business Set-Aside, then Dollars Obligated must be less than or equal to \$50,000.                                     |
| 6 | Competitive Procedures | If Competitive Procedures = Emerging Small Business Set-Aside, then Dollars Obligated must be less than or equal to \$25,000.                                 |
| 7 | Current Contract Value | The sum of Dollars Obligated for all transactions with the same PIID must be less than or equal to Current Contract Value                                     |
| 8 | PIID                   | If Dollars Obligated is less than \$0.00, then the total of all dollars obligated for the reported PIID must be greater than the amount for this transaction. |

#### 4 Purchaser Information

##### 4A Contracting Agency Code

- |   |                       |  |
|---|-----------------------|--|
| 1 | FIPS 95 Look-up Table | Contracting Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source: <a href="http://www.itl.nist.gov/fipspubs/fips95-2.doc">http://www.itl.nist.gov/fipspubs/fips95-2.doc</a> ) |
|---|-----------------------|--|

##### 4B Contracting Office Code

- |   |   |   |
|---|---|---|
| 1 | FPDS-NG Contracting Office/Funding Office Lookup Table, Contracting Agency Code | Contracting Office Code must be a valid contracting office code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency. |
|---|---|---|

##### 4C Program/Funding Agency – Code

- |   |                       |  |
|---|-----------------------|--|
| 1 | FIPS 95 Look-up Table | Program/Funding Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source: <a href="http://www.itl.nist.gov/fipspubs/fips95-2.doc">http://www.itl.nist.gov/fipspubs/fips95-2.doc</a> ) |
|---|-----------------------|--|



**4D Program/Funding Office - Code**

- 1 FPDS-NG Contracting Office/Funding Office Lookup Table, Program/Funding Agency Code  
Program/Funding Office – Code must be blank or must be a valid code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.
- 2 Program/Funding Agency - Code  
If Program/Funding Agency is DOD (Program/Funding Agency Code begins with '17', '21', '57', '96CE', or '97'), then Program/Funding Office Code must have a value.

**4E Reason for Purchase**

- 1 Format  
Reason for Purchase must be a valid value from the FPDS-NG Data Dictionary.
- 2 Program/Funding Agency - Code, Product or Service Code  
If Program/Funding Agency - Code is DoD (begins with '17', '21', '57', '96CE', or '97') and Product or Service Code begins with '70', 'D3', 'H170', 'H270', 'H370', 'H970', 'J070', 'K070', 'L070', 'N070', 'U012' or 'W070', then Reason for Purchase must not be blank, else Reason for Purchase must be blank.
- 3 Program/Funding Agency - Code  
If Program/Funding Agency - Code is blank, then Reason for Purchase must be blank.

**4F Contract Full/ Partially Funded by Foreign Government or International Organization**

- 1 Format  
Contract Full / Partially by Foreign Government or International Organization is a Boolean.

**4G Source UserID**

- 1 Format  
Source UserID obtained from log-in or web service connection information. (format to be specified by the contractor)

**5 Contract Marketing Data****5A Web Site URL**

- 1 Format  
Web Site URL must be a web address

**5B Who Can Use**

- 1 Format  
Who Can Use must be a valid government agency code. This will be synchronized with GWAC requirements.

## 5C Maximum Order Limit

- 1 Format Maximum Order Limit must be currency.

## 5D Fee for Use of Service

- 1 Format TBD based on outcome of GWAC working group.

## 5E E-Mail Contact for IDV

- 1 Format E-Mail Contact for IDV must be an email address.

**6 Contract Information**

## 6A Type of Contract

- 1 Format Type of Contract must be a valid entry from the FPDS-NG data dictionary when use case is an award type or an IDV type.
- 2 Commercial Item Acquisition Procedures If Commercial Item Acquisition Procedures = Yes, then Type of Contract must = Fixed Price or Fixed Price with Economic Price Adjustment.

## 6B Letter Contract

- 1 Format Letter Contract is a Boolean.

## 6C Multiyear Contract

- 1 Format Multiyear Contract is a Boolean.
- 2 Competitive Procedures, Reason Not Competed If Competitive Procedures = Simplified Acquisition Procedures - Competitive or Reason Not Competed = Simplified Acquisition Procedures - Non-Competitive, then Multiyear Contract must = No.
- 3 Award Type, Referenced PIID, IDV Type If Award Type = Delivery Order and Referenced PIID points to an IDV for which IDV Type = FSS, then Multiyear Contract must = No.

## 6D Type of IDC

- 1 Format Type of IDC must be a valid value from the FPDS-NG Data Dictionary when use case is IDV/IDC (otherwise blank).

## 6E Multiple or Single Award IDC

- 1 Format Multiple or Single Award IDC must be a valid value from the FPDS-NG Data Dictionary when use case is IDV/IDC (otherwise blank).

- 6F Performance-Based Service Contract
- 1 Format Performance-Based Service Contract is a string of length one with valid values of 'Y', 'N', or '\*'.
  - 2 IDV Type If IDV Type = FSS, then Performance-Based Service Contract must be 'N'.
  - 3 Product or Service Code \* If Product or Service Code is numeric or begins with C, **S1**, or Y, then Performance-Based Service Contract must = 'N'.
  - 4 Product or Service Code \* If Performance-Based Service Contract is 'Y', then Product or Service Code must begin with A through **Z** excluding C, S1 or Y.
  - 5 DUNS Number If DUNS Number represents Federal Prison Industries, i.e., UNICOR, then Performance-Based Service Contract must = 'N'.
- \* Conflicts exist between ICAR and DCADS when PSC begins with S1 and Z.

- 6G Major Program
- 1 Format Major Program must be a value from agency maintained table or blank.

- 6M Description of Requirement
- 1 Format Description of Requirement is a free form text.

- 6N Purchase Card as Payment Method
- 1 Format Purchase Card as Payment Method is a Boolean.

## 7 Legislative Mandates

- 7A Clinger-Cohen Act Planning Compliance
- 1 Format Clinger-Cohen Act Planning Compliance is a Boolean.

- 7B Walsh-Healey Act
- 1 Format Walsh-Healey Act is a Boolean.
  - 2 DUNS Number If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Walsh-Healey Act must = No.
  - 3 Commercial Item Acquisition Procedures If Commercial Item Acquisition Procedures = Yes, then Walsh-Healey Act must = No.
  - 4 Principle Place of Performance If Principle Place of Performance is not U.S., then Walsh-Healey Act = No.

- 7C Service Contract Act
- 1 Format Service Contract Act is a Boolean.

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|---|--------------------------------|--|
| 2 | DUNS Number                    | If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Service Contract Act must = No. |
| 3 | Principle Place of Performance | If Principle Place of Performance is not U.S., then Service Contract Act = No.   |
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- |    |                                |  |
|----|--------------------------------|--|
| 7D | Davis-Bacon Act                |  |
| 1  | Format                         | Davis-Bacon Act must be Boolean.   |
| 2  | DUNS Number                    | If DUNS Number is the DUNS that represent Federal Prison Industries, i.e., UNICOR, then Davis-Bacon Act must = No. |
| 3  | Principle Place of Performance | If Principle Place of Performance is not U.S., then Davis-Bacon Act = No.  |

## 8 Product or Service Information

- |    |  |   |
|----|--|---|
| 8A | Product or Service Code                                  |   |
| 1  | Product or Service Code Look-up Table                    | Product or Service Code must be in the FPDS-NG Product or Service Code Look-up Table. The table is based on the following sources:<br><a href="http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm">http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm</a> and <a href="http://www.fpsc.gov/fpsc/psc1998.pdf">http://www.fpsc.gov/fpsc/psc1998.pdf</a> |
| 2  | Award Type, Referenced PIID, IDV Type                    | If Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS, then position 1 of Product or Service Code cannot be "A" (Research and Development) and Product or Service Code cannot be S111, S112, S114, or S119 (Utilities other than telecom).   |
| 3  | Synopsis Waiver Exception                                | If Synopsis Waiver Exception = Yes, then Product or Service Code must begin with A through Z, except for E. (The SBA/OFPP Waiver Pilot exception can only be applied to services. It cannot be applied to purchases of structures and facilities.)  |
| 4  | Competitive Procedures, Reason Not Competed, DUNS Number | If Competitive Procedures = Basic Research or Reason Not Competed = Unsolicited Research, then Product or Service Code must begin with "A" (Research and Development), or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851.  |
| 5  | Competitive Procedures, DUNS Number                      | If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then Product or Service Code must begin with "A" (Research and Development), or Product or Service Code may be 9999 if DUNS Number = 790238638 or 790238851.   |

|    |   |  |
|----|---|--|
| 6  | Competitive Procedures                      | If Competitive Procedures = Architect – Engineer, then Product or Service Code must begin with “C”. (Architect and Engineering Code)   |
| 7  | Competitive Procedures, Reason Not Competed | If Competitive Procedures = SDB Set-Aside or Reason Not Competed = Non-Competitive 8(a), then Product or Service Code cannot start with “S1” (Utilities).  |
| 8  | Reason Not Competed                         | If Reason Not Competed = Utilities, then Product or Service Code must begin with “S1” (Utilities).   |
| 9  | Reason Not Competed                         | If Reason Not Competed = Authorized for Resale, then position 1 of Product or Service Code must be numeric.  |
| 10 | Competitive Procedures                      | If Competitive Procedures = Emerging Small Business Set-Aside, then Product or Service Code must be any code starting with Y (Construction) or Z (Maintenance of Real Property) except Y216 or Z216 (Dredging), or C111, C112, C113, C114, C115, C116, C117, C118, C119, C121, C122, C123, C124, C129, C130, C211, C212, C213, C214, C215, C216, C219 (All Architect and Engineering Services), J998, J999 (Non-Nuclear Ship Repair), R404 (Surveying), S205 (Garbage Collection), T002, T004, T008, T009, T014 (Map Making), F015 (Well Drilling), P400 or P500 (Demolition). |
| 11 | Service Contract Act, DUNS Number           | If Service Contract Act = Yes, then position 1 of Product or Service Code must be alpha, or Product or Service Code may be 9999 if DUNS Number = 790238638 or 790238851.   |
| 12 | Davis-Bacon Act, DUNS Number                | If Davis-Bacon Act = Yes, then Product or Service Code must be construction (begin with “Y” or “Z”), well drilling (“F015”), or demolition (“P400” or “P500”). Product or Service Code may be miscellaneous (“9999”) if DUNS Number = 790238638 or 790238851.  |
| 13 | Business Types, DUNS Number                 | If Business Types = Historically Black College or University, Minority Institution, or Educational Institution, then position 1 of Product or Service Code must be alpha, or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851.  |
| 8D | Bundled Requirement                         |  |
| 1  | Format                                      | Bundled Requirement is a Boolean.  |
| 8E | Bundled Contract Exception                  |  |
| 1  | Format                                      | Bundled Contract Exception must have a valid value from the FPDS-NG Data Dictionary or blank.  |
| 2  | Bundled Requirement                         | If Bundled Requirement = Yes, then Bundled Contract Exception must have a value, otherwise must be blank.  |

- 8G NAICS
- 1 NAICS Look-up Table  
NAICS must be in the FPDS-NG NAICS Look-up Table. The table is based on the following sources:  
<http://www.census.gov/pub/epcd/www/naics.html>  
and  
<http://www.census.gov/epcd/www/naics.html>
  - 2 Performance-Based Service Contract  
If Performance-Based Service Contract = 'Y', then the first three positions of NAICS must not be certain types of construction (may not begin with 233 except 233110, 234 or 235).
  - 3 Competitive Procedures  
If Competitive Procedures = Emerging Small Business Set-Aside, then NAICS must be one of the following:  
a) Certain Construction (233110, 233210, 233220, 233310, 233320, 234110, 234120, 234910, 234920, 234930, 234990, 235110, 235210, 235310, 235410, 235420, 235430, 235510, 235520, 235610, 235710, 235810, 235910, 235920, 235930, 235940, 235950 or 235990);  
b) Various Non-Hazardous Waste Services (562111, 562119 or 562219);  
c) Architecture, Engineering, Surveying, Mapping (541310, 541330, 541360 or 541370); or  
d) Ship Building or Repairing (336611).
  - 4 Product or Service Code  
If Product or Service Code is a service, NAICS must be a service. If Product or Service Code is a product, NAICS must be a product.
- 8H Information Technology Commercial Item Category
- 1 Format  
IT Commercial Item Category must be a valid value from the FPDS-NG Data Dictionary or blank.
  - 2 Program/Funding Agency - Code, Product or Service Code  
If Funding Agency - Code is DoD (begins with "17", "21", "57", "96CE", or "97") and Product or Service Code is for IT Equipment or Services (begins with "70", "D3", "H170", "H270", "H370", "H970", "J070", "K070", "L070", "N070", "U012" or "W070") and (Competitive Procedures = Simplified Acquisition Procedures - Competitive or Reason Not Competed = Simplified Acquisition Procedures - Non-Competitive), then IT Commercial Item Category must have a value, otherwise must be blank.

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|---|--|---|
| 3 | Commercial Item Acquisition Procedures | If Information Technology Commercial Item Category is A (Commercially Available Off-the-Shelf Item), B (Other Commercial Item of Supply), C (Non-developmental Item other than Commercial Item), or E (Commercial Service), then Commercial Item Acquisition Procedures must = Yes. |
| 4 | Commercial Item Acquisition Procedures | If Information Technology Commercial Item Category is D (Other Noncommercial Item of Supply), or F (Noncommercial Service), then Commercial Item Acquisition Procedures must = No.  |
- 8J     GFE/GFP
- |   |        |                       |
|---|--------|-----------------------|
| 1 | Format | GFE/GFP is a Boolean. |
|---|--------|-----------------------|
- 8K     EPA-Designated Product(s)
- |   |        |  |
|---|--------|--|
| 1 | Format | EPA-Designated Product(s) must be a valid value from Data Dictionary or blank. |
|---|--------|--|
- 8L     Recovered Material Clauses
- |   |                                       |  |
|---|---------------------------------------|--|
| 1 | Format                                | Recovered Material Clauses must be a valid value from Data Dictionary or blank.  |
| 2 | Award Type, Referenced PIID, IDV Type | If Award Type = DO and Referenced PIID Points to an IDV for which IDV Type = FSS, then Recovered Material Clauses must be blank.               |
| 3 | EPA-Designated Product(s)             | If EPA-Designated Product(s) = Not Required, then Recovered Material Clauses must be blank, else Recovered Material Clauses must have a value. |

## 9 Contractor Data

- 9A     DUNS Number
- |   |                                |   |
|---|--------------------------------|---|
| 1 | CCR                            | DUNS Number must be in the CCR or be 790238638 or 790238851. May not be a Federal Government Entity.  |
| 2 | Check Digit Algorithm*         | DUNS Number must pass the Check Digit Algorithm.  |
| 3 | Principle Place of Performance | If state/country positions of Principle Place of Performance = "98", then DUNS Number must = 790238638.   |
| 4 | Principle Place of Performance | If the country positions of Principle Place of Performance = "ZZ", then DUNS Number must = 790238851. Conversely, if DUNS Number = 790238851, then country positions of Principle Place of Performance must = "ZZ". |

\* Applies when validating data received from CCR or where 9A-1 does not apply.

- 9B Contractor Name from Contract
- 1 Format, DUNS Number Contractor Name from Contract must not be blank unless DUNS Number is 790238638 (Classified Domestic Contractors) or 790238851 (Classified Foreign Contractors). Fill with “Classified”.
- 9C Principle Place of Performance
- 1 FIPS 55/10 Look-up Table Principle Place of Performance must be in FPDS-NG FIPS 55/10 look-up table. The table is based on the following sources:  
<ftp://mapping.usgs.gov/pub/fips55/>, and  
<http://www.itl.nist.gov/fipspubs/fip10-4.htm> (or later)
  - 2 Format If Country is U.S., State and City or Place must be completed, otherwise they must be left blank.
  - 3 Place of Manufacture If Place of Manufacture = Foreign, then Principle Place of Performance must be a valid foreign country code.
  - 4 Contingency, Humanitarian, or Peacekeeping Operation If Contingency, Humanitarian, or Peacekeeping Operation = Yes, then state/country positions of Principle Place of Performance must be a valid foreign country code.
  - 5 Walsh-Healey Act, Davis-Bacon Act, Service Contract Act If Walsh-Healey Act, Davis-Bacon Act, or Service Contract Act = Yes, then Principle Place of Performance must be US.
- 9E Country of Origin
- 1 FPDS-NG FIPS 10 look-up table Country of Origin must be blank or in the FPDS-NG FIPS 10 look-up table. This table is based on the following sources: <ftp://mapping.usgs.gov/pub/fips55/>, and  
<http://www.itl.nist.gov/fipspubs/fip10-4.htm> (or later).
  - 2 Award Type, Referenced PIID, IDV Type If Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS, then Country of Origin must be blank.
  - 3 DUNS Number If DUNS Number represents Federal Prison Industries, i.e., UNICOR, then Country of Origin must be US.
- 9H Place of Manufacture
- 1 Format Place of Manufacture must be a valid value from the FPDS-NG Data Dictionary or blank.



## 10 Competition Information

### 10B Competitive Procedures

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|----|--|---|
| 1  | Format   | Competitive Procedures must be a valid value from the FPDS-NG Data Dictionary or blank.   |
| 2  | Reason Not Competed  | If Reason Not Competed is blank, then Competitive Procedures must not be blank.   |
| 3  | Award Type, Reason Not Competed  | If Award Type = DO, then Competitive Procedures must = Competitive Delivery Order or an appropriate Reason Not Competed must be reported.   |
| 4  | Product or Service Code, Reason Not Competed   | If Product or Service Code = “S111”, “S112”, “S114” or “S119”, then Competitive Procedures must have a value other than Small Business Set-Aside or Reason Not Competed must = Utilities.   |
| 5  | Small Business Competitiveness Demonstration Program, NAICS, Product or Service Code | If Small Business Competitiveness Demonstration Program equal Yes and NAICS is coded “541310”, “541330”, “541360”, or “541370” and Product or Service Code is equal “C” in first position or “T002”, “T004”, “T008”, “T009”, “T014”, or “R404” then Competitive Procedures must = Architect – Engineer. |
| 6  | Business Types – SDB   | If Competitive Procedures = SDB Set-Aside, SDB Participating Program, “SDB, 8(a) with HUBZone Priority”, or Combination HUBZone and 8(a), then Business Types must = Small Disadvantaged Business or 8(a) Participant.  |
| 7  | Contracting Officer’s Determination of Business Size                                 | If Competitive Procedures = Small Business Set-Aside, then Contracting Officer’s Determination of Business Size must = Small.   |
| 8  | Business Types – HUBZone   | Competitive Procedures = HUBZone Set-Aside, Combination HUBZone and 8(a), HUBZone Price Evaluation Preference, or Combined HUBZone /SDB Price Adjustment or SDB, 8(a) with HUBZone Priority or Reason Not Competed = HUBZone Sole Source, then Business Types must = HUBZone Firm.                      |
| 9  | Business Types - Very Small Business   | If Competitive Procedures = Very Small Business Set-Aside, then Contracting Officer’s Determination of Business Size must = Small.  |
| 10 | Business Types - Emerging Small Business   | If Competitive Procedures = Emerging Small Business Set-Aside, then Business Types must = Emerging Small Business.  |

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|----|--|--|
| 11 | Business Types - HBCU/MI   | If Competitive Procedures = HBCU or MI Set-Aside, then Business Types must = Historically Black College or University or Minority Institution.   |
| 12 | Contracting Officer's Determination of Business Size                     | If Contracting Officer's Determination of Business Size is other than small, then Competitive Procedures must not = Small Business Set-Aside, SDB Set-Aside, SDB Set-Aside, HBCU or MI Set-Aside, Very Small Business Set-Aside, Emerging Small Business Set-Aside, HUBZone Set-Aside, Combination HUBZone and 8(a), SDB Price Evaluation Adjustment, SDB Preferential Consideration - Partial SB Set-Aside, HUBZone Price Evaluation Preference, or Combined HUBZone Preference and Small Disadvantaged Business Price Evaluation Adjustment. |
| 13 | Contracting Officer's Determination of Business Size - Eligible for SBIR | If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then Contracting Officer's Determination of Business Size must equal Small Business.  |
- 10C Reason Not Competed
- |   |                        |   |
|---|------------------------|---|
| 1 | Format                 | Reason Not Competed must be a valid value from the FPDS-NG Data Dictionary.   |
| 2 | Competitive Procedures | If Competitive Procedures is blank, then Reason Not Competed must not be blank.   |
| 3 | DUNS Number            | If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Reason Not Competed must = UNICOR. |
- 10D Number of Offers Received
- |   |                                    |   |
|---|------------------------------------|---|
| 1 | Format                             | Number of Offers Received must be a number between 1 and 999.   |
| 2 | Reason Not Competed                | If Reason Not Competed is not blank, then Number of Offers Received must =1.  |
| 3 | Award Type, Competitive Procedures | If Award Type = DO, then Reason Not Competed must be completed or Competitive Procedures must = Competitive Delivery Order. |
- 10E Pre-Award Synopsis Requirement
- |   |        |  |
|---|--------|--|
| 1 | Format | Pre-Award Synopsis Requirement is a Boolean. |
|---|--------|--|
- 10F Synopsis Waiver Exception
- |   |        |   |
|---|--------|---|
| 1 | Format | Synopsis Waiver Exception is a Boolean. |
|---|--------|---|

- |   |   |  |
|---|---|--|
| 2 | Contracting Officer's Determination of Business Size    | If Synopsis Waiver Exception = Yes, then Contracting Officer's Determination of Business Size must be Small.   |
| 3 | Award Type, Competitive Procedures, Reason Not Competed | If Synopsis Waiver Exception = Yes, then Award Type must = Purchase Order and Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive. |
| 4 | Small Business Competitiveness Demonstration Program    | If Small Business Competitiveness Demonstration Program = Yes, then Synopsis Waiver Exception must = No.   |
- 10G Alternative Advertising
- |   |        |                                       |
|---|--------|---------------------------------------|
| 1 | Format | Alternative Advertising is a Boolean. |
|---|--------|---------------------------------------|
- 10H Commercial Item Acquisition Procedures
- |   |                              |  |
|---|------------------------------|--|
| 1 | Format                       | Commercial Item Acquisition Procedures must be Yes, or No.                                     |
| 2 | Commercial Item Test Program | If Commercial Item Test Program = Yes, then Commercial Item Acquisition Procedures must = Yes. |
- 10L A-76 (Fair Act) Action
- |   |        |                                      |
|---|--------|--------------------------------------|
| 1 | Format | A-76 (Fair Act) Action is a Boolean. |
|---|--------|--------------------------------------|

## 11 Preference Programs

- 11A Contracting Officer's Determination of Business Size
- |   |        |  |
|---|--------|--|
| 1 | Format | Contracting Officer's Determination of Business Size must be a valid value from the FPDS-NG Data Dictionary. |
|---|--------|--|
- 11B Subcontracting Plan
- |   |  |  |
|---|--|--|
| 1 | Format   | Subcontracting Plan must be a valid value from the FPDS-NG Data Dictionary.  |
| 2 | Contracting Officer's Determination of Business Size | If Contracting Officer's Determination of Business Size = Small Business, then Subcontracting Plan must be Not Required.   |
| 3 | Competitive Procedures, Reason Not Competed          | If Competitive Procedures = Simplified Acquisition Procedures - Competitive or Reason Not Competed = Simplified Acquisition Procedures - Non-Competitive, then Subcontracting Plan must be Not Required. |

- |   |                                |   |
|---|--------------------------------|---|
| 4 | DUNS Number                    | If DUNS Number is the DUNS that represent Federal Prison Industries, i.e., UNICOR, then Subcontracting Plan must be Not Required. |
| 5 | Principal Place of Performance | If Principal Place of Performance does not indicate US, then Subcontracting Plan must be Not Required.                            |
| 6 | Business Types - JWOD          | If Business Type is JWOD, then Subcontracting Plan must be Not Required.  |
- 
- 11C Price Evaluation Adjustment/Preference Percent Difference
- |   |                        |   |
|---|------------------------|---|
| 1 | Format                 | Price Evaluation Adjustment/Preference Percent Difference must be a whole percent (to the nearest tenth of a percent) or blank or zero.   |
| 2 | Competitive Procedures | If Competitive Procedures = SDB Price Evaluation Adjustment, HUBZone Price Evaluation Preference, Combined HUBZone Preference/Small Disadvantaged Business Price Adjustment, or SDB Preferential Consideration - Partial SB Set-Aside, then Price Evaluation Adjustment/Preference Percent Difference must be greater than 00% and less or equal to 10% (20% for Combined HUBZone/Small Disadvantaged Business Price Adjustment). |
- 
- 11D Reason Not Awarded to Small Disadvantaged Business
- |   |  |   |
|---|--|---|
| 1 | Format   | Reason Not Awarded to Small Disadvantaged Business (SDB) must be a valid value from the FPDS-NG Data Dictionary or blank.                             |
| 2 | Contracting Officer's Determination of Business Size, Business Types | Must be blank if the Contracting Officer determined that the contractor is a small business and the business type indicates a Disadvantaged Business. |
- 
- 11E Reason Not Awarded to a Small Business
- |   |  |  |
|---|--|--|
| 1 | Format   | Reason Not Awarded to Small Business (SB) must be a valid value from the FPDS-NG Data Dictionary or blank. |
| 2 | Contracting Officer's Determination of Business Size | Must be blank if the Contracting Officer determined that the contractor is a small business.               |

## 12 Transaction Information

- 12A IDV Type
- 1 Format Must be a valid code from the FPDS-NG Data Dictionary or blank.
  - 2 Award Type, Reason for Modification Must not be blank unless Award Type or Reason for Modification is completed.
- 12B Award Type
- 1 Format Must be a valid code from the FPDS-NG Data Dictionary or blank.
  - 2 IDV Type, Reason for Modification Must not be blank unless IDV Type or Reason for Modification is completed.
- 12C Reason for Modification
- 1 Format Must be a valid code from the FPDS-NG Data Dictionary or blank.
  - 2 IDV Type, Award Type Must not be blank unless IDV Type or Award Type is completed.
- 12D Record Type
- 1 Format Must be a valid code from the FPDS-NG Data Dictionary.

## PROPOSED FPDS-NG CONTRACTOR DATA

### 13 Contractor Data

- 13A Contractor's TIN
- 1 Format Contractor's TIN must be obtained in CCR Data Element Business Rules.
- 13B Number of Employees
- 1 Format Number of Employees must be obtained in CCR Data Element Business Rules.
- 13C Annual Revenue
- 1 Format Annual Revenue must be obtained in CCR Data Element Business Rules.
- 13D Registration Date
- 1 Format Registration Date must be obtained in CCR Data Element Business Rules.

- 13E Renewal Date  
1 Format Renewal Date must be obtained in CCR Data Element Business Rules.
- 13F Organizational Type  
1 Format Organizational Type is String. (See CCR Data Element Business Rules)
- 13G Country of Incorporation  
1 Format Country of Incorporation is String. (See CCR Data Element Business Rules)
- 13H Parent's DUNS Number  
1 Format Parent's DUNS Number must be obtained in CCR Data Element Business Rules
- 13I Local Government  
1 Format Local Government is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13J State Government  
1 Format State Government is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13K Federal Government  
1 Format Federal Government is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13L Tribal Government  
1 Format Tribal Government is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13M Emerging Small Business  
1 Format Emerging Small Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13N 8(a) Program Participant  
1 Format 8(a) Program Participant is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13O Historically Underutilized Business Zone (HUBZone) Firm  
1 Format Historically Underutilized Business Zone (HUBZone) Firm is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13P Small Disadvantaged Business  
1 Format Small Disadvantaged Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

- 13Q Sheltered Workshop (JWOD Provider)  
1 Format Sheltered Workshop (JWOD Provider) is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13R Historically Black College or University  
1 Format Historically Black College or University is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13S Minority Institution  
1 Format Minority Institution is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13T Educational Institution  
1 Format Educational Institution is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13U Woman Owned Business  
1 Format Women Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13V Veteran Owned Business  
1 Format Veteran Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13W Service-Related Disabled Veteran Owned Business  
1 Format Service-Related Disabled Veteran Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13X Minority Owned Business  
1 Format Minority Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13Y American Indian Owned Business  
1 Format American Indian Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13Z Asian-Pacific American Owned Business  
1 Format Asian-Pacific American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.
- 13AA Black American Owned Business  
1 Format Black American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

**13BB Hispanic American Owned Business**

- 1 Format Hispanic American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

**13CC Native American Owned Business**

- 1 Format Native American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

**13DD Subcontinent Asian (Asian-Indian) American Owned Business**

- 1 Format Subcontinent Asian (Asian-Indian) American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

**13EE Nonprofit Organization**

- 1 Format Nonprofit Organization is a Boolean. Can be derived from the CCR data element 'Business Types'.

**PROPOSED FPDS-NG CONTRACTING OFFICE AND FUNDING OFFICE DATA****14 Contracting Office and Funding Office Data****14A Contracting/Funding Agency Code**

- 1 Format Contracting/Funding Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source:  
<http://www.itl.nist.gov/fipspubs/fips95-2.doc> )

**14B Contracting/Funding Office Code**

- 1 Format Contracting/Funding Office Code must be a valid contracting/funding office code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.

**14C Contracting/Funding Office Name**

- 1 Format Contracting/Funding Office Name is free form alphanumeric with maximum length of 100 characters.

**14D Region Code**

- 1 Format Region Code must be blank or must be a valid code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.



- 14E Contracting/Funding Office Start Date
- 1 Format Contracting/Funding Office Start Date must be a valid date.
  - 2 Contracting/Funding Office End Date (of Precedent Record) Contracting/Funding Office Start Date must be equal to or one day later than the End Date of the record (if any) with the same Agency and Office Codes that existed prior to submission of instant record. (The records of one office constitute of historical chain of records for that office).
- 14F Contracting/Funding Office End Date
- 1 Format Contracting/Funding Office End Date must be a valid date.
  - 2 Contracting/Funding Office Start Date (of Successor Record) Contracting/Funding Office End Date must be equal to or one day earlier than the End Date of the record (if any) with the same Agency and Office Codes that succeeds the instant record. (The records of one office constitute of historical chain of records for that office). If this is the current record, End Date is blank.
- 14G Is Contracting Office
- 1 Format Is Contracting Office must be a Boolean.

## **PROPOSED FPDS-NG SUBCONTRACTING DATA**

### **15 Subcontracting Data**

- 15B Reporting Period
- 1 Format Reporting Period must be numeric. Cannot be greater than current year.
- 15C Type of Report
- 1 Format Type of Report must be numeric. Must be a valid value from the FPDS-NG Data Dictionary.
- 15D Report Submitted As
- 1 Format Report Submitted As is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.
- 15E Type of Plan
- 1 Format Type of Plan is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.

- 15F Commercial Percent
- 1 Format Commercial Percent is Percent (Format is NNN.N or percent to the nearest tenth.)
  - 2 Type of Plan Must be completed if Type of Plan equals C (Commercial).
- 15G Contractor's Major Product or Service Lines
- 1 Format Contractor's Major Product or Service Lines is free form alphanumeric with maximum length of 100 characters.
  - 2 Format At least one product service line must be listed.
- 15H Small Business Concerns - Dollars
- 1 Format Small Business Concerns - Dollars must be currency.
  - 2 Format If completed, must be numeric, right justified and zero filled.  
Dollars may be left blank.
- 15I Large Business Concerns - Dollars
- 1 Format Large Business Concerns - Dollars must be currency.
  - 2 Format If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
- 15K Small Disadvantaged Business (SDB) Concerns - Dollars
- 1 Format Small Disadvantaged Business (SDB) Concerns - Dollars must be currency.
  - 2 Format If completed, must be numeric, right justified and zero filled.  
Dollars may be left blank.
- 15L Small Disadvantaged Business Breakout
- 1 Format Small Disadvantaged Business Breakout is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.
- 15M Major NAICS Group
- 1 Format Major NAICS Group is three characters alphanumeric.  
Must be a valid Major NAICS Group.
  - 2 Small Disadvantaged Business Breakout Must not be blank if Small Disadvantaged Business Breakout is coded A (All) or S (Some). Must be blank if Small Disadvantaged Business Breakout is coded "N" or blank.
- 15N NAICS Group Dollars
- 1 Format NAICS Group Dollars must be currency.

- 2    Format                      If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
- 3    Small  
Disadvantaged  
Business (SDB)  
Concerns – Dollars,      Sum of all NAICS Group Dollars must be less than or equal to Small Disadvantaged Business (SDB) Concerns – Dollars if Small Disadvantaged Business Breakout is coded S (Some) or A (All).  
Small  
Disadvantaged  
Business Breakout
- 15O    Women-Owned Small Business Concerns - Dollars
  - 1    Format                      Women-Owned Small Business Concerns - Dollars must be currency.
  - 2    Format                      If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
- 15P    Historically Black Colleges and Universities (HBUC) - Dollars
  - 1    Format                      Historically Black Colleges and Universities (HBUC) - Dollars must be currency.
  - 2    Format                      If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
- 15Q    HUBZone Small Business Concerns (HUBZone SB) - Dollars
  - 1    Format                      HUBZone Small Business Concerns (HUBZone SB) - Dollars must be currency.
  - 2    Format                      If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
- 15R    Veteran-Owned Small Business (VOSB) Concerns - Dollars
  - 1    Format                      Veteran-Owned Small Business (VOSB) Concerns - Dollars must be currency.
  - 2    Format                      If completed, must be numeric right justified and zero filled.  
Dollars may be left blank.
  - 3    Service-Disabled  
Veteran-Owned  
Small Business  
Concerns -  
Dollars                      Must be equal to or more than Service-Disabled Veteran-Owned Small Business Concerns – Dollars.

- 15S Service-Disabled Veteran-Owned Small Business Concerns - Dollars  
 1 Format Service – Disabled Veteran – Owned Small Business Concerns - Dollars must be currency.  
 2 Format If completed, must be numeric right justified and zero filled.  
 Dollars may be left blank.
- 15T Contractor's Official Who Administers Subcontracting Program - First Name  
 1 Format Contractor's Official Who Administers Subcontracting Program - First Name is free form alphanumeric with maximum length of 50 characters.
- 15U Contractor's Official Who Administers Subcontracting Program - Last Name  
 1 Format Contractor's Official Who Administers Subcontracting Program - Last Name is free form alphanumeric with maximum length of 50 characters.
- 15V Contractor's Official Who Administers Subcontracting Program - Title  
 1 Format Contractor's Official Who Administers Subcontracting Program - Title is free form alphanumeric with maximum length of 50 characters.
- 15W Contractor's Official Who Administers Subcontracting Program - Telephone Number  
 1 Format Contractor's Official Who Administers Subcontracting Program - Telephone Number must be a valid phone number

## **PROPOSED FPDS-NG CUSTOMER INFORMATION DATA**

### **16 Customer Orders Database**

- 16A Order Number  
 1 Format Order Number must be upper case alpha and numeric only with no embedded spaces or special characters.
- 16B Staff Member Name  
 1 Format Staff Member Name is free form alphanumeric with maximum length of 50 characters.
- 16C Date Order Received  
 1 Format Date Order Received must be a valid date.

- 16D Date Order Sent to Programmer  
1 Format Date Order Sent to Programmer must be a valid date.
- 16E Date Payment Received  
1 Format Date Payment Received must be a valid date.
- 16F Date Order Promised For Customer  
1 Format Date Order Promised For Customer must be a valid date.
- 16G Date Order Sent to Customer  
1 Format Date Order Sent to Customer must be a valid date.
- 16H Status of Order  
1 Format Status of Order is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.
- 16I Description of Requirement  
1 Format Description of Requirement is free form alphanumeric with maximum length of 150 characters.
- 16J Dollar Amount Received From Customer  
1 Format Dollar Amount Received From Customer must be currency.
- 16K Total Actual Cost  
1 Format Total Actual Cost must be currency.

## **PROPOSED FPDS-NG OFFSET OFFICER DATA**

### **17 Offset Officer Code Report**

- 17A Agency's TIN  
1 Format Agency's TIN is nine character alphanumeric. Must be a valid Employer Identification Number (EIN) or Taxpayer Identification Number (TIN).

## **PROPOSED FPDS-NG Contact DATA ELEMENTS**

### **18 Contact Data Elements**

- 18A Contact Title  
1 Format Contact Title is free form alphanumeric with maximum length of 25 characters.

- 18B    Contact First Name  
1    Format                      Contact First Name is free form alphanumeric with maximum length of 25 characters.
- 18C    Contact Middle Initial  
1    Format                      Contact Middle Initial is free form alphanumeric with maximum length of 25 characters.
- 18D    Contact Last Name  
1    Format                      Contact Last Name is free form alphanumeric with maximum length of 25 characters.
- 18E    Organization Legal Name  
1    Format                      Organization Legal Name is free form alphanumeric with maximum length of 120 characters.
- 18F    Doing Business As Name  
1    Format                      Doing Business As Name is free form alphanumeric with maximum length of 60 characters.
- 18G    Division Name  
1    Format                      Division Name is free form alphanumeric with maximum length of 60 characters.
- 18H    Division Number / Office Code  
1    Format                      Division Number / Office Code is ten character alphanumeric.
- 18I    Street Address  
1    Format                      Street Address is any valid text characters used as location of the business, from 1 to 55 in uppercase and no leading spaces. The following strings are not acceptable for the Physical Address only; “PO BOX”, “PO”, BOX”, “C/O”, “ CO “, “CARE OF”, “POST OFFICE”
- 18J    Address Line 2  
1    Format                      Address Line 2 is any valid text character used as location of the business, from 1 to 55 in uppercase and no leading spaces.
- 18K    Address Line 3  
1    Format                      Address Line 3 is any valid text character used as location of the business, from 1 to 55 in uppercase and no leading spaces.

|     |                    |  |
|-----|--------------------|--|
| 18L | City               |  |
| 1   | Format             | City is free form alphanumeric with maximum length of 35 characters.   |
| 18M | State or Province  |  |
| 1   | Format             | State or Province must be any valid 2 character USA state or possession or any valid Canadian Province. All other countries; this field is left blank. |
| 18N | Postal or Zip Code |  |
| 1   | Format             | Postal or Zip Code must be any alphanumeric code in uppercase format. Cannot contain imbedded spaces. Special characters: a dash '-' only.             |
| 18O | Country Code       |  |
| 1   | Format             | Country Code must be any valid 3 characters code found in the ISO3166 standard. Must be uppercase format.  |
| 18P | Voice Phone Number |  |
| 1   | Format             | Voice Phone Number is free form alphanumeric with maximum length of 12 characters.   |
| 18Q | Fax Phone Number   |  |
| 1   | Format             | Fax Phone Number is free form alphanumeric with maximum length of 12 characters.   |
| 18R | Email Address      |  |
| 1   | Format             | Email Address is free form alphanumeric with maximum length of 80 characters.  |

## **PROPOSED FPDS-NG CHANGE TRANSACTIONS DATA ELEMENTS**

### **19 Change Transactions Data Elements**

|     |                |  |
|-----|----------------|--|
| 19A | Element Number |  |
| 1   | Format         | Element Number is free form alphanumeric with maximum length of 10 characters. |
| 19B | New Value      |  |
| 1   | Format         | New Value is free form alphanumeric with maximum length of 1000 characters.    |

## J4.5 Agency Specific Validations

### J.4.5.1 DoD Specific Validations

|    |   |  |
|----|---|--|
| 1A | Procurement Instrument Identifier (PIID)                            |  |
|    | NOTE  | Positions may change as a result of FAR Case for FAR 4.11 (Unique Numbering of Procurement Instruments)  |
| 1  | Format  | Positions 1 thru 3 of PIID must not be “NIH” or “N1H”.   |
| 2  | Format  | PIID must be 13 characters.  |
| 3  | Format  | Positions 1 thru 6 of the PIID must be a valid code identifying the DoD department or agency that issued the instrument.   |
| 4  | Format  | Positions 7 & 8 of the PIID must be the last 2 digits of FY in which initial contract number was assigned.   |
| 5  | Effective Date  | PIID positions 7 and 8 must be equal to or less than Effective Date year, except 1st quarter Effective Dates (1 Oct thru 31 Dec) for which positions 7 and 8 of PIID may be 1 later than Effective Date year.<br>Note: Contracts awarded in FY 1999 or earlier require special handling when Action Date is after 20000101 |
| 5A | Letter Contract   | If Letter Contract = Y, then positions 7 and 8 of PIID must be later than or equal to the last two digits of the current FY - 1.   |
| 6  | Format  | Position 9 of the PIID (Type of Instrument code) must be listed in DFARS 204.7003.   |
| 7  | Format,<br>Contracting<br>Agency Code                               | If Contracting Agency Code indicates a DoD Agency, then position 9 of the PIID must not be the letters B, I, J, N, O, Q, R, T, U or Y.   |
| 8  | Format,<br>Award Type   | If Award Type = DO or BPA Call and Referenced PIID indicates a non-DoD agency, then Position 9 of PIID must =A or F and Positions 11 thru 13 of PIID may not be blank.   |
| 9  | Format  | Position 10 of the PIID cannot be the letters I or O.  |
| 10 | Competitive<br>Procedures,<br>Reason Not<br>Competed                | If position 9 of PIID is Purchase Order (M, W, P, or V), then Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive.   |
| 11 | Award Type,<br>Competitive<br>Procedures,<br>Reason Not<br>Competed | If position 9 of PIID is A (BPA), then Award Type must = BPA Call or (Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive).  |



- |  |   |
|--|---|
| 12 Letter Contract, Reason for Modification, Award Type, Type of IDC       | If position 9 of PIID is C, then Letter Contract must = Yes or Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.  |
| 13 Award Type, Referenced PIID, Type of IDC, IDV Type                      | <p>If position 9 of PIID is D (IDC), then Award Type must = Stand-Alone Contract or (Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity) or (Award Type = Delivery Order and Referenced PIID must point to an IDV for which IDV Type = IDC).</p> <p><b>NOTE: Can position 9 be D for a Requirements IDC?</b></p>   |
| 14 Reason for Modification, Award Type, Type of IDC                        | If position 9 of PIID is E (Facilities Contract), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.  |
| 15 Reason for Modification, Award Type, Type of IDC, DUNS Number, IDV Type | <p>If position 9 of PIID is F (Action placed through non-DoD agency), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity or</p> <p>(Award Type = PO, DO, or BPA Call and (Business Types = Sheltered Workshop (JWOD Provider) or DUNS Number = 626627459 (UNICOR)) and Referenced PIID does not point to an IDV for which IDV Type = FSS).</p> |
| 16 Reason for Modification, Award Type, Type of IDC                        | If position 9 of PIID is L (Lease Agreement), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.  |
| 17 Reason for Modification, Award Type, Type of IDC                        | <p>If position 9 of PIID is G (BOA) or H (Agreements other than BOA and BPA), then Award Type = Delivery Order and Referenced PIID must point to an IDV for which IDV Type = BOA</p> <p><b>Note: DoD has agreements that are neither BOA nor BPA. For example: Basic Agreements and Loan Agreements</b></p>   |
| 18 Award Type  | If Award Type = BPA Call, then position 9 of PIID must = "A"  |
| 19 Today's Date, Letter Contract   | If Letter Contract = Y, then positions m+1 to m+2 must be later than or equal to the last two digits of the current FY - 1.   |

- |    |   |  |
|----|---|--|
| 20 | Today's Date,<br>Type of Award                | IDV Type is not blank or Award Type = Purchase Order or Stand-Alone Contract, then positions 7 and 8 must be later than or equal to the last two digits of the current FY - 5. |
| 21 | Contracting<br>Agency Code,<br>Business Types | If Contracting Agency Code indicates DoD and position 9 of PIID = F, then Business Types must = Sheltered Workshop (JWOD Provider).  |
- 
- |    |                            |  |
|----|----------------------------|--|
| 1B | Modification Number        |  |
| 1  | Reason for<br>Modification | If Reason for Modification is Definitize Letter Contract, then positions 1 and 2 of Modification Number must = "PZ". |
- 
- |    |  |   |
|----|--|---|
| 2A | Date Signed  |   |
| 1  | Competitive<br>Procedures,<br>Reason Not<br>Competed | If Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive, then Date Signed must be later than 19950702. |
- 
- |    |                            |   |
|----|----------------------------|---|
| 2C | Current Completion Date    |   |
| 1  | Contracting<br>Agency Code | If Contracting Agency Code indicates DoD, then the year field of Current Completion Date must not be less than positions 7 & 8 of PIID minus 1.<br>Note: Contracts awarded in FY 1999 or earlier require special handling when Date Signed is after 20000101. |
| 2  | Contracting<br>Agency Code | If Contracting Agency Code indicates DoD, then the year field of Current Completion Date must not be greater than current calendar year + 20.   |
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|----|--|--|
| 2E | Indefinite Delivery Vehicle Last Date to Order |  |
| 1  | Contracting<br>Agency Code,<br>PIID            | If Contracting Agency Code indicates DoD, then the year field of IDV Last Date to Order must not be less than positions 7 and 8 of the PIID. |
| 2  | Contracting<br>Agency Code,<br>Today's Date    | If Contracting Agency Code indicates DoD, then the year field of IDV Last Date to Order must not be greater than current calendar year + 20. |

## 3C Dollars Obligated

- 1 Contracting Activity Code, PIID, Competitive Procedures, Reason Not Competed  
If position 9 of PIID = M, P, W, or V (Purchase Order) and DoD Claimant Program Code is not “B20” and Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive, then Dollars Obligated must be less than or equal to \$250,000.  
**NOTE: This validation requires a distinction between Simplified Acquisition Procedures under FAR 13.5 and other than FAR 13.5. FPDS-NG does not make this distinction.**
- 2 Contingency, Humanitarian, or Peacekeeping Operation  
If Contingency, Humanitarian, or Peacekeeping Operation = Contingency Operation, then absolute value of Dollars Obligated must be greater than \$500,000.

## 6C Multiyear Contract

- 1 Format  
If Contracting Agency Code and/or Contracting Office Code do not indicate DLA Defense Energy Support Center and Multiyear Contract = Yes, then notify user to cross reference Contract Number to corresponding news releases.
- 2 Contracting Agency Code, Contracting Office Code  
If Contracting Agency Code and/or Contracting Office Code do not indicate DLA Defense Energy Support Center and Multiyear Contract = Yes, then notify user to cross reference Contract Number to corresponding news releases.

## 6H Contingency, Humanitarian, or Peacekeeping Operation

- 1 Format  
Contingency, Humanitarian, or Peacekeeping Operation must be a valid value from the FPDS-NG Data Dictionary or blank.

## 6J Cost or Pricing Data

- 1 Format  
Cost or Pricing Data must be Y (Yes - Obtained), N (No - Not Obtained), W (Not Obtained - Waived), or Blank.

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|------|--|--|
| 2    | Award Type,<br>Referenced PIID,<br>IDV Type,<br>Contracting<br>Agency Code | If Award Type = DO or BPA Call and Referenced PIID points to an IDV for which (IDV Type = FSS or Contracting Agency Code does not indicate DoD), then Cost or Pricing Data must be blank, else Cost or Pricing Data must not be blank.   |
| <br> |  |  |
| 6K   | Contract Financing   |  |
| 1    | Format   | Contract Financing must be a valid value from data dictionary.   |
| <br> |  |  |
| 2    | Award Type,<br>Referenced PIID,<br>IDV Type,<br>Contracting<br>Agency Code | If Award Type = DO or BPA Call and Referenced PIID points to an IDV for which (IDV Type = FSS or Contracting Agency Code does not indicate DoD), then Contract Financing must be blank, else Contract Financing must not be blank.   |
| <br> |  |  |
| 3    | Referenced PIID,<br>Contracting<br>Agency Code,<br>Type of Contract        | If (Referenced PIID is blank or Referenced PIID points to an IDV for which Contracting Agency Code = DoD) and Type of Contract = Cost Type (R, S, T, U, V), T&M (Y) or Labor Hour (Z), then Contract Financing must = D (Unusual Progress Payments or Advance Payments) or Z (Not Applicable). |
| <br> |  |  |
| 4    | Procedure  | If Contract Financing = D (Unusual Progress Payments or Advance Payments), then flagged action for verification. (WHS/DIOR internal use - refer to ODDP/CPA)   |
| <br> |  |  |
| 6L   | Cost Accounting Standards Clause   |  |
| 1    | Format   | Cost Accounting Standards Clause must be a Boolean.  |
| <br> |  |  |
| 8A   | Product or Service Code  |  |
| 1    | Competitive<br>Procedures,<br>DUNS Number                                  | If Competitive Procedures = Architect – Engineer, then Product or Service Code must = C1--, C2--, T002, T004, T008, T009, T014, R404 or (9999 if DUNS Number=790238638 or 790238851.)  |
| <br> |  |  |
| 2    | Competitive<br>Procedures,<br>DUNS Number                                  | If Competitive Procedures = Basic Research, then position 1 of Product or Service Code must =A or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851  |
| <br> |  |  |
| 3    | DoD Claimant<br>Program Code   | If DoD Claimant Program Code = "B20", then positions 1 and 2 of Product or Service Code must be "89".  |

- 4 Competitive Procedures      If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then the 1st position of Product or Service Code must = A, and 4th position of Product or Service Code cannot be 7 or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851. )
- 8B Program, System, or Equipment Code
- 1 Program, System, or Equipment Code Look-up Table      Program, System, or Equipment Code must be in the FPDS-NG Program, System, or Equipment Code Look-up Table. The table is based on the following source:  
<http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm>
- 2 Contracting Office Code      If Contracting Office Code indicates DLA or DCMA, then the third position of Program, System, or Equipment Code (Sponsoring Military Department) must = 1 (Army), 2 (Navy), 3 (Air Force), or 4 (??).
- 8F DoD Claimant Program Code
- 1 Format      DoD Claimant Program Code must be in the FPDS-NG DoD Claimant Program Code Look-up Table. The table is based on the following source:  
<http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm>  
DoD Claimant Program Code must = A1A, A1B, A1C, A20, A30, A4A, A4B, A50, A60, A70, A8A, A8B, A8C, A90, B10, B20, B30, B90, C20, C9A, C9B, C9C, C9D, C9E or S10.
- 2 DoD Claimant Program Code Look-up Table      DoD Claimant Program Code must be in the FPDS-NG DoD Claimant Program Code Look-up Table. The table is based on the following source:  
<http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm>  
DoD Claimant Program Code must = A1A, A1B, A1C, A20, A30, A4A, A4B, A50, A60, A70, A8A, A8B, A8C, A90, B10, B20, B30, B90, C20, C9A, C9B, C9C, C9D, C9E or S10.
- 3 Contracting Agency Code      If Contracting Agency Code = "96CE", U.S. Army Corps of Engineers, then DoD Claimant Program Code cannot = B20.
- 4 Davis-Bacon Act      If Davis-Bacon Act = Yes, then DoD Claimant Program Code must = C20.
- 8M Sea Transportation
- 1 Format      Sea Transportation must = Yes, No, Unknown, or blank.

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| 2 | Contracting Agency Code,<br>Award Type,<br>Referenced PIID,<br>IDV Type,<br>Competitive Procedures,<br>Reason Not Competed | If Contracting Agency Code does not indicate DoD or (Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS) or (Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive), then Sea Transportation must be blank, else Sea Transportation must not be blank. |
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| 9L | Principle Place of Performance                             |   |
| 1  | Contingency,<br>Humanitarian, or<br>Peacekeeping Operation | If Contingency, Humanitarian, or Peacekeeping Operation = not blank then Principle Place of Performance must not be US. |
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| 9N | Country of Origin                           |  |
| 1  | Format                                      | If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA), then Country of Origin must be blank. |
| 2  | Referenced PIID,<br>Contracting Agency Code | If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA), then Country of Origin must be blank. |
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|----|--|---|
| 9S | Place of Manufacture                                     |   |
| 1  | Contracting Agency Code,<br>Referenced PIID              | If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA, then Place of Manufacture must be blank.   |
| 2  | Contracting Agency Code,<br>Referenced PIID,<br>IDV Type | If (Referenced PIID is blank and Contracting Agency Code indicates non-DoD agency) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates a non-DoD agency and IDV Type is not FSS), then Place of Manufacture must be blank. |
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| 10B | Competitive Procedures                                   |   |
| 1   | Reason Not Awarded to Small Disadvantaged Business (SDB) | If Reason Not Awarded to Small Disadvantaged Business (SDB) = SDB Solicited and Offer Was Not Low, then Competitive Procedures must have a value. |
| 2   | Competitive Procedures                                   | If Reason Not Awarded to Small Business (SB) = SB Solicited and Offer Was Not Low, then Competitive Procedures must have a value.                 |
| 3   | Contracting Agency Code                                  | If Contracting Agency Code does not indicate DoD, then Competitive Procedures must not be SBIR.   |

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| 4 | Award Type,<br>Referenced PIID,<br>IDV Type | If Award Type = DO and Referenced PIID Points to an IDV for which IDV Type = FSS, then Competitive Procedures must not be SBIR.  |
| 5 | Origin of Contract,<br>Business Types       | If Origin of Contract = DoD and Business Types = Large Business, Sheltered Workshop (JWOD Provider), Hospital, Foreign Supplier, Historically Black College or University, Minority Institution, Educational Institution, or Nonprofit Organization or (Country of Incorporation (from CCR) indicates US and Principle Place of Performance does not indicate US), then Competitive Procedures must not be SBIR. ) |
| 6 | Business Types                              | If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then Business Types must be Small Disadvantaged Business, 8(a) Participant, Small Business, Minority Owned Business, Woman-Owned Business, Labor Surplus Area Firm, Veteran Owned Business, Emerging Small Business, Service-Related Disabled Veteran Owned, or HUBZone Firm. )   |
- 10C Reason Not Competed
- |   |   |   |
|---|---|---|
| 1 | Contract<br>Full/Partially<br>Funded by Foreign<br>Government or<br>International<br>Organization | If Contract Full/Partially Funded by Foreign Government or International Organization = No and Reason Not Competed = International Agreement, then flag action for verification. (WHS/DIOR internal use - refer to ODDP/CPA). |
| 2 | Test on Value   | If Reason Not Competed = Public Interest, then flag action verification. (WHS/DIOR internal use - refer to ODDP/CPA).   |
- 10D Number of Offers Received
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|---|--|---|
| 1 | Award Type,<br>Referenced PIID,<br>Multiple or Single<br>Award IDC,<br>Competitive<br>Procedures | If Award Type = DO and Referenced PIID points to an IDV for which Multiple or Single Award IDC = Multiple-Award and Competitive Procedures is not blank, then Number of Offers Received must be less than or equal to 30. |
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- 10H Commercial Item Acquisition Procedures
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|---|--|--|
| 1 | Contracting<br>Agency Code,<br>Award Type,<br>Referenced PIID,<br>IDV Type | If Contracting Agency Code indicates a DoD Agency and not (Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS), then must not be blank.<br><b>NOTE: This conflicts with Use Case.</b> |
|---|--|--|